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## Product Datasheet

### Sesamin, CAS [[607-80-7]] FBM-10-2512

|                            |  |
|----------------------------|--|
| Article Name               | Sesamin, CAS [[607-80-7]]  |
| Biozol Catalog Number      | FBM-10-2512  |
| Supplier Catalog Number    | 10-2512  |
| Alternative Catalog Number | FBM-10-2512-10MG, FBM-10-2512-50MG   |
| Manufacturer               | Focus Biomolecules   |
| Category                   | Biochemikalien   |
| Product Description        | Anti-inflammatory natural product...   |
| Molecular Weight           | 354.36   |
| Purity                     | >98% by HPLC NMR (Conforms)  |
| Form                       | White solid  |
| CAS Number                 | [607-80-7]   |
| Formula                    | C <sub>20</sub> H <sub>18</sub> O <sub>6</sub>   |
| Application Notes          | Natural product derived from sesame seeds with anticancer <sup>1</sup> , antioxidant <sup>2</sup> , anti-inflammatory/immunomodulatory <sup>3</sup> , and antidiabetic <sup>4,5</sup> effects. It also displayed effects on cholesterol and fatty acid metabolism. <sup>6</sup> Sesamin was recently found to inhibit bacterial L-tryptophan indole lyase (K <sub>i</sub> = 7 μM). <sup>7</sup> This enzyme reacts with dietary tryptophan to produce the uremic toxin indoxyl sulfate which exacerbates chronic kidney disease. |